

Amendments to the Claims

1. (currently amended) A method for providing ~~a user of a telephone~~ with direct access to web audio content over a network, comprising:

(A) ~~dialing a media server;~~ establishing a call between a communications device and a media server, wherein the media server includes a network interface controller and an audio source;

~~(B) accepting a call at the media server based on said dialing step (A);~~

~~(B) (C) prompting the user for~~ receiving web content identifier information; and

~~(D) (C)~~ establishing an internal channel connection between [[a]] the network interface controller and [[an]] the audio source through a cell switch internal to the media server, whereby the audio source can deliver the web audio content corresponding to the web content identifier information to the ~~telephone~~ communications device in the ~~accepted~~ established call.

2. (original) The method of claim 1, further comprising:

(E) initiating a file transfer of the web audio content from a remote web server identified in the web content identifier information to the audio source.

3. (original) The method of claim 2, further comprising:

(F) buffering audio payloads containing audio data from the file transferred from the remote web server.

4. (currently amended) The method of claim 3, further comprising:

(G) delivering the buffered audio data in an audio stream to the communications device ~~telephone~~.

5. (currently amended) The method of claim 2, wherein said initiating step (E) comprises:

receiving RTP packets from the remote web server at [[a]] the network interface controller;

converting the received RTP packets to internal packets having an audio payload and control header, the control header including addressing information associated with the internal channel ~~an address to a link~~ between the network interface controller and the audio source through ~~[[a]]~~ the cell switch; and

sending the internal packets on the link through the cell switch to the audio source.

6. (original) The method of claim 5, wherein the cell switch switches ATM cells, the link comprises a switched virtual circuit (SVC), and the address comprises a VPI/VCI that identifies a switch virtual path and switch virtual channel, and wherein said sending internal packet step includes converting the internal packets to one or more ATM cells and sending the ATM cells to the cell switch.

7. (currently amended) The method of claim 5, further comprising:

storing internal packets at the audio source, the internal packets including audio payloads from the sent internal packets received at the audio source and a control header having addressing information associated with the internal channel ~~the address of a link between the audio source through the cell switch to a~~ between the network interface controller and the audio source through the cell switch. ~~coupled to the telephone.~~

8. (currently amended) The method of claim 7, further comprising

sending the stored internal packets from the audio source through the cell switch to the network interface controller coupled to the communications device ~~telephone~~;

converting the sent internal packets at the network interface controller to RTP packets; and

forwarding the RTP packets to the communications device. ~~telephone for play by the user.~~

9. (currently amended) The method of claim 8 ~~[[5]]~~, wherein the cell switch switches ATM cells, the link comprises a switched virtual circuit (SVC), and the address comprises a VPI/VCI that identifies a switch virtual path and switch virtual channel, and

wherein said sending the stored internal packet step includes converting the stored internal packets to one or more ATM cells and sending the ATM cells to the cell switch.

10. (currently amended) A method for providing ~~a user of a telephone with~~ direct access to web audio content over a network, comprising:

establishing a first communications channel between a communications device and a media server, wherein the media server includes a network interface controller and an audio source, and wherein the first communications channel includes a first internal audio channel ~~through a switch between [[a]] the network interface controller and [[an]] the audio source through a switch internal to the media server in a connection phase coupling a media server and a telephone;~~ and

establishing a second communications channel between a remote web server and the media server, wherein the second communications channel includes a second internal audio channel through [[a]] the switch between the audio source and [[a]] the network interface controller, ~~in an audio transport phase that transports wherein web audio content is delivered directly from [[a]] the remote web server to the audio source on the second audio channel; and~~

~~then from the audio source to the user of the telephone on~~ delivering the web audio content from the audio source to the communications device over the first communications channel ~~the first audio channel.~~

11. (currently amended) The method of claim 10, further comprising processing an audio stream in the web audio content ~~transported in the audio transport phase~~ prior to transporting the audio stream from the audio source to the communications device ~~user of the telephone.~~

12. (original) The method of claim 11, wherein said processing includes at least one of the following steps: inserting additional audio into the audio stream, converting the audio stream from one format to another format, mixing audio into the audio stream, filtering the audio stream, enhancing audio in the audio stream, and modifying audio in the audio stream.

13. (currently amended) A system for providing ~~a user of a telephone with~~ direct access to web audio content over a network, comprising:

(A) means for ~~dialing a media server~~; establishing a call between the communications device and a media server, wherein the media server includes a network interface controller and an audio source;

~~(B) means for accepting a call at the media server based on said dialing means (A);~~

~~(B)~~ means for ~~(C) prompting the user for~~ receiving web content identifier information; and

~~(D)~~ (C) means for establishing an internal ~~connection~~ channel between ~~[[a]] the network interface controller and [[an]] the audio source~~ through a cell switch internal to the media server, whereby the audio source can deliver the web audio content corresponding to the web content identifier information to the ~~telephone~~ communications device in the ~~accepted~~ established call.

14. (original) The system of claim 13, further comprising:

(E) means for initiating a file transfer of the web audio content from a remote web server identified in the web content identifier information to the audio source.

15. (original) The system of claim 14, further comprising:

(F) means for buffering audio payloads containing audio data from the file transferred from the remote web server.

16. (currently amended) The system of claim 15, further comprising:

(G) means for delivering the buffered audio data in an audio stream to the communications device ~~telephone~~.

17. (currently amended) A system for providing ~~a user of a telephone with~~ direct access to web audio content over a network, comprising:

means for establishing a first communications channel between a communications device and a media server, wherein the media server includes a network

interface controller and an audio source, and wherein the first communications channel includes a first internal audio channel through a switch between [[a]] the network interface controller and [[an]] the audio source through a switch internal to the media server in a connection phase coupling a media server and a telephone; and

means for establishing a second communications channel between a remote web server and the media server, wherein the second communications channel includes a second internal audio channel through [[a]] the switch between the audio source and [[a]] the network interface controller, in an audio transport phase that transports wherein web audio content is delivered directly from [[a]] the remote web server to the audio source on the second audio channel; and

then from the audio source to the user of the telephone on means for delivering the web audio content from the audio source to the communications device over the first communications channel the first audio channel.

18. (currently amended) A media server direct access system, comprising:

a direct access controller;

a network interface controller;

an audio source; and

a switch;

wherein said switch is coupled between said network interface controller and said audio source, and

wherein said ~~direct access controller~~ media server establishes a first communications channel between the media server and a communications device, wherein said first communications channel includes a first internal audio channel through said switch between said network interface controller and said audio source through said switch in a connection phase coupling a media server and a telephone, and establishes a second communications channel between the media server and a remote web server, wherein said second communications channel includes a second internal audio channel through said switch between said audio source and said network interface controller in an audio transport phase that transports wherein web audio content is delivered directly from [[a]] the remote web server to the audio source on the second audio channel and

~~delivers said web audio content then~~ from the audio source to the communications device user of the telephone on the first audio communications channel.

19. (currently amended) A media server ~~direct access system~~, comprising:

- a direct access controller;
- a network interface controller;
- a video stream processor; and
- a switch;

wherein said switch is coupled between said network interface controller and said video stream processor; and

wherein said ~~direct access controller~~ media server establishes a first communications channel between said media server and a communications device, wherein said first communications channel includes a first audio internal media channel through said switch between said network interface controller and said video stream processor through said switch in a connection phase coupling a media server and a telephone, and establishes a second communications channel between the media server and a remote web server, wherein said second communications channel includes a second internal media channel through said switch between said video stream processor and said network interface controller ~~in a video transport phase that transports wherein~~ web video content is delivered directly from ~~[[a]]~~ said remote web server to the said video stream processor on the second internal media channel and delivers said web video content then from the said video stream processor to the said communications device user of the telephone on the said first communications channel.

20. (currently amended) A method for providing ~~a user of a telephone with~~ direct access to web video content over a network, comprising:

establishing a first communications channel between a communications device and a media server, wherein the media server includes a network interface controller and a video stream processor, and wherein the first communications channel includes a first media channel through a switch between ~~[[a]]~~ the network interface controller and ~~[[an]]~~ the video stream processor through a switch internal to the media server in a connection phase; and

establishing a second communications channel between a remote web server and the media server, wherein the second communications channel includes a second media channel through [[a]] the switch between the video stream processor and [[a]] the network interface controller, in a video transport phase that transports wherein web video content is delivered directly from [[a]] the remote web server to the video stream processor on the second media audio channel; and

then from the video stream processor delivering the web video content from the video stream processor to the communications device over the first communications channel to the user of the telephone on the first channel.

21. (currently amended) The method of claim 20, further comprising processing a video stream in the web video content ~~transported in the audio transport phase~~ prior to transporting the video stream from the video stream processor to the communications device user of the telephone.

22. (original) The method of claim 21, wherein said processing includes at least one of the following steps: inserting additional video into the video stream, converting the video stream from one format to another format, enhancing video in the video stream, and modifying video in the video stream.